

# MOHAMMAD AMMAR UDDIN

[Linkedin](#) | [Github](#) | [Portfolio](#)

ammaruofficial@gmail.com | +8801883128299 | Chittagong, Bangladesh

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## Technical Skills

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- **Language:** C, C++, Python, JavaScript, TypeScript, SQL, HTML, CSS
- **Technologies:** React, Next.js, Prisma, MySQL, Mariadb TanstackQuery, Node.js, Express.js, MongoDB, Mongoose, Axios
- **Tools:** Git, GitHub, VScode, Postman, Vercel, MongoDB Compass, Docker, Caprover, linux

## Experience

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*Junior Software Engineering Trainee*

**Digital Lab** - Chittagong, Bangladesh | *January 2025 – March 2025*

- Engineered scalable web apps with Next.js, Prisma, and Redis, optimizing queries and caching for high performance.
- Integrated SMS APIs and built an async SMS Scheduler with DB locking, reducing message delivery conflicts by 90%.
- Gained deep expertise in RDBMS, focusing on transactions, concurrency, and data integrity across full-stack applications.
- Deployed and maintained apps using Docker, CapRover, and cloud/Linux environments, cutting deployment time by 50%.

## Projects

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### Safara – Team Project

[LiveLink](#) | [ClientCode](#) | [ServerCode](#)

#### Contribution:

- Developed dynamic, responsive Admin and User Dashboards with role-based access.
- Built a clean Home Page using React.js and Tailwind CSS.
- Integrated Firebase Authentication (Google & email/password) with JWT and Private Routes.
- Added Google Meet, Google calendar Schedule, dynamic certificate generation and download, and Settings functionality.
- Implemented email notifications and managed environment variables for security.
- Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Firebase, JWT, OAuth, Nodemailer.

### Foodparadise Resturant

[LiveLink](#) | [ClientCode](#) | [ServerCode](#)

- Designed and developed a full-stack e-commerce platform using React and Node.js
- Integrated a secure payment gateway and implemented robust user authentication.
- Created role-based dashboards for administrators and customers.

### Employee Management System

[LiveLink](#) | [ClientCode](#) | [ServerCode](#)

- Developed a full-stack Employee Management System using the MERN stack with JWT-based role authentication for Admin and Employee users.
- Designed personalized, secure dashboards for each role, enabling efficient access and management.
- Enabled Admins to manage employees, process leave requests, handle salaries, and oversee key operations.
- Empowered Employees to view/edit profiles and submit leave requests via an intuitive interface.
- Admin login password : admin@gmail.com password: admin

## Education

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### Bachelor of Computer Science and Engineering

*International Islamic University Chittagong | 2020 – 2025*

## Additional

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**Languages:** English(fluent), Bangla(Native), Arabic(Basic), Hindi(Conversational).

**Certifications:** [Ethical Hacking](#), [JavaScript BootStrap](#)